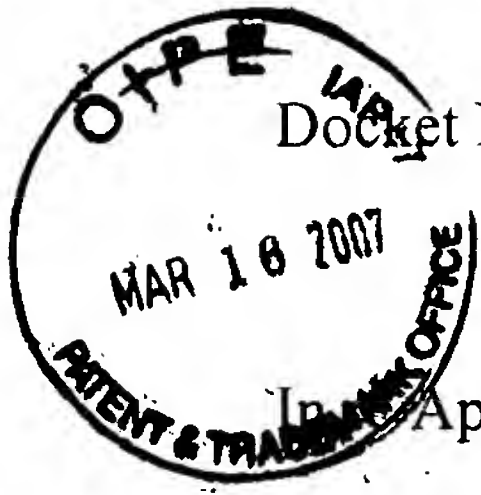


PCT



Docket No.: 050212-0716

PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Application of

Akihiko NAMBA, et al.

Application No.: 10/580,346

Filed: May 25, 2006

Customer Number: 20277

Confirmation Number: 3240

Group Art Unit: Not Yet Assigned

Examiner: Not yet assigned

For: DIAMOND N-TYPE SEMICONDUCTOR, METHOD OF MANUFACTURING THE  
SAME, SEMICONDUCTOR DEVICE, AND ELECTRON EMITTING DEVICE

RESPONSE TO NOTICE OF MISSING REQUIREMENTS

Mail Stop Missing Requirements  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Notice of Missing Parts of Application dated January 16, 2007,  
submitted herewith are the following for filing in the above-referenced application:

1. Declaration and Power of Attorney (which is in compliance with 37 CFR 1.63)
2. Assignment and Recordation Fee of \$40.00 (on a separate postcard)
3. Information Disclosure Statement, Form PTO-1449 and reference.

To the extent necessary, Applicants petition for an extension of time under 37 C.F.R.  
1.136. Please charge any shortage in fees due in connection with the filing of this paper,  
including extension of time fees, to Deposit Account 500417 and please credit any excess fees  
to such deposit account.

The PTO did not receive the following  
listed item(s) Assignment and  
Fee of \$40.00

**Application No.: 10/580,346**

It is requested that the official filing receipt now be issued.

Respectfully submitted,

McDERMOTT WILL & EMERY LLP

*Bernard P. Kedd (Reg. No. 46,429)*  
for

Brian K. Seidleck

Registration No. 51,321

600 13<sup>th</sup> Street, N.W.

Washington, DC 20005-3096

Phone: 202.756.8000 BKS:ark

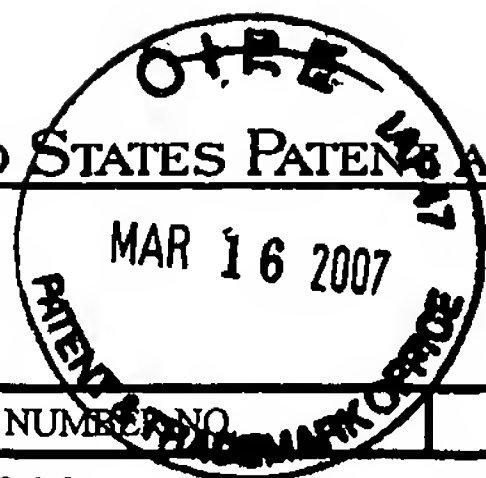
Facsimile: 202.756.8087

**Date: March 16, 2007**

**Please recognize our Customer No. 20277  
as our correspondence address.**



## UNITED STATES PATENT AND TRADEMARK OFFICE



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www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/580,346	Akihiko Namba	0502120716

INTERNATIONAL APPLICATION NO.
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PCT/JP04/17077

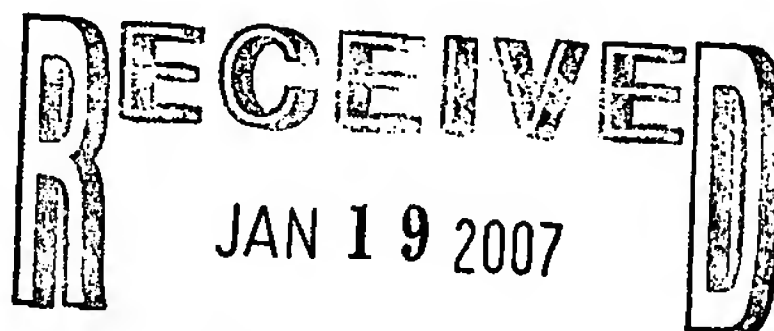
I.A. FILING DATE	PRIORITY DATE
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11/17/2004

11/25/2003

20277

MCDERMOTT WILL & EMERY LLP  
600 13TH STREET, N.W.  
WASHINGTON, DC 20005-3096



McDermott Will & Emery LLP  
DC Office

CONFIRMATION NO. 3240

371 FORMALITIES LETTER



\*OC000000021999169\*

Date Mailed: 01/16/2007

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 05/25/2006
- Copy of the International Search Report filed on 05/25/2006
- Preliminary Amendments filed on 05/25/2006
- Information Disclosure Statements filed on 05/25/2006
- Request for Immediate Examination filed on 05/25/2006
- U.S. Basic National Fees filed on 05/25/2006
- Priority Documents filed on 05/25/2006
- Non-English Language Application filed on 05/25/2006
- Specification filed on 05/25/2006
- Claims filed on 05/25/2006
- Abstracts filed on 05/25/2006
- Drawings filed on 05/25/2006

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.  
<https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at 1-866-217-9197 or visit our website at <http://www.uspto.gov/ebc>.

**If you are not using EFS-Web to submit your reply, you must include a copy of this notice.**

PAULETTE R KIDWELL

Telephone: (703) 308-9140 EXT 216

**PART 1 - ATTORNEY/APPLICANT COPY**

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/580,346	PCT/JP04/17077	0502120716

FORM PCT/DO/EO/905 (371 Formalities Notice)